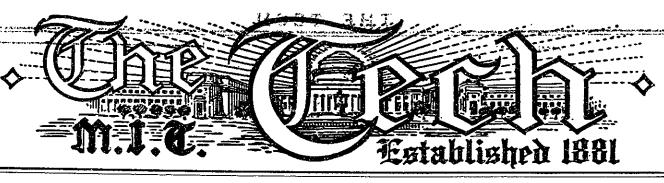
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### A Record of Continuous News Service For 48 Years



Official

Undergraduate News Organ of M. I. T.

Vol. XLIX—No. 69

CAMBRIDGE, MASS., MONDAY, NOVEMBER 25, 1929

Price Five Cents

### THE TECH GRIDMEN **VIE WITH VOO DOO** FOR CHAMPIONSHIP

Pi Delta Epsilon Cup Will Be Awarded to Winning Publication

#### **NEWSIES IN GREAT SHAPE**

For the first time in history, the winners of THE TECH-technique and Voo-Doo-T. E. N. battles will engage in a football game to decide the supremacy among the publications at the Institute. A cup has been donated by Pi Delta Epsilon, the national journalistic fraternity, and will be presented to the winning publication.

Since THE TECH'S crushing victory over the 'snique last Wednesday and Voo-Doo's defeat of T. E. N. in the mud battle last Thursday, plans have been made for the winning publications to meet Wednesday, November 27 at 2:30 o'clock. "Pat" Pattison, the wandering referee of the T. C. A., will again officiate.

Dopesters have already picked the newsies to win this battle. By comparative scores, they should overwhelm the office cats with ease. In a practice session with T. E. N., THE TECH second team ran riot over them 12-0 and that was with many of the newsies' best men quarantined or otherwise incapacitated. Phosphorus, with all his nine lives, could only down the basement dwellers 13-0 which gives the newsies a decided advantage.

Many new plays were perfected by the newsies in a secret practice session that was held behind closed doors and barred windows yesterday These plays will doubtless twist the cat's tail into so many knots that he will have difficulty in bringing out the next issue of the so-called humorous magazine.

Incidently, Phosphorus feels himself above practicing. Judging from part in the Show. The coach wishes comments on the T. E. N. game how all students who have had any ex-(Continued on Page 3)

#### S. A. E. PLANS START OF YEAR'S ACTIVITY

#### Prof. Zimmerman Recently Made Faculty Sponsor

With the recent approval by the society of Automotive Engineers of Professor John H. Zimmerman '23 as faculty patron and sponsor of the student branch of the Society at Technology, this organization plans to commence activities very shortly. Announcements of meetings, trips and a membership drive will be made public within the next few days.

Application has been made by the society for admission to the Combined Professional Societies, to enable them to have a headquarters and to cooperate and secure cooperation with the other student professional societies in procuring more and better speakers

# A. I. E. E. MEETING

#### Communications Engineering Is Topic of Discussion

Communications engineering was the subject of the second dinner meeting of the Student Branch, A. I. E. E., held last Friday evening in Walker Memorial. The program began with a turkey dinner which was very well

attended. Immediately after the dinner, which was held in North Hall, the members adjourned to the Main Hall, for the second part of the program. speaker, Mr. J. H. Bigelow of the Personnel Department of the New York Telephone and Telegraph Company, was introduced by Ralph Swingle '30, Chairman of the Student Branch. Mr. Bigelow then gave a detailed account of the history of telephone communication, especially of the development of the transmitter. His talk was illustrated by a large number of slides. He also made some mention of the many opportunities open to electrical engineers in the communications field.

A two-reel moving picture, depicting the various mechanisms used in the operation of the dial telephones, concluded the program.

#### Deserting Sophomore Betrayed by Classmate

Stygian blackness enveloped the lecture room as Professor Sears projected diagrams onto the wall for his Sophomore group. Suddenly blinding lights were switched on, revealing a student tiptoeing his way to the nearest exit. Surprised but undaunted the deserter continued steadily door-ward while the class waited in breathless anticipation for the lecturing professor to spot him. He, however, busy at the blackboard, went serenely on with his discussion. It looked like a victory for the would-be truant. Then without warning an unsympathetic classmate roared out, "What would you do in a case like this?" Professor Sears turned hastily just in time to catch the luckless deserter who hestitated, confused and chagrined before making a break for the door, his face a deep purple.

### First Rehearsal Of Cast Of Tech Show On Tuesday

#### All Men Who Have Tried Out Or Any Desiring To Do So Must Be Present

Tech Show will hold its first cast rehearsal tomorrow afternoon in the o'clock. At this time all the men evening. who have had tryouts must be present. Any men who as yet have not had MEN PLEDGED TO tryouts but who are interested in the Show should also be at the rehearsal.

As Tech Show this year consists of a number of short skits there are no long parts to learn and all the lines are easy. Because of the number and variety of skits used there is opportunity for many students to take perience or who are interested in the work to be present Tuesday afternoon.

More musical numbers are still wanted for the show. Fast lively fox trots are desired. Anyone who can write music or lyrics should get in touch with the Music Manager at the Show office on the third floor of Walker Memorial. There are still positions open in the stage and business departments for freshmen.

#### MILITARY BALL HELD AT LONGWOOD TOWERS

#### Uniforms Furnished Atmosphere-Leo Reisman, Music

Longwood Towers was the scene of the first Military Ball of the year last Friday evening. The affair was held in the new ballroom rather than in the Fountain Room as had been previously announced. Leo Reisman's Orchestra furnished the music for about 175 couples who attended. Plenty of military atmosphere was provided by IS WELL ATTENDED R. O. T. C. men who attended in uniform and comprised about seventy ive percent of the crowd.

Dance programs were distributed but were generally not adhered to despite the absence of stags. One of the features of the evening was the tapping of pledges to Scabbard and Blade, national Military Fraternity, organization sponsored the which

#### Grid Enthusiasts Give Walker Radio Big Hand

As a Saturday afternoon rendezvous for homeless Technology boys, the Walker Memorial pool room has risen above "bull" winter baseball talk, and matinees. The radio telling the story of the big game is the reason. If to be seen is to be appreciated then to be heard is to be enjoyed, judging from the undivided attention which the large assembly of grid enthusiasts always gives the radio on Credit is due these occasions. Messrs. E. C. Cullum '31 and C. M. Daniel '32 for making this diversion possible and Ed. Pung for giving a fourth of his pool-room over to non-paying customers.

# Faculty To Be Petitioned For Longer Vacation

#### Many Students Sign Petition to **Extend Xmas Vacation** To January 3

"Sign-up Now and remain home an extra day for Christmas Vacation" is the significance of the increased activity outside the Information Office in Record Crowd Attends Initial Building 10. For the past week a petition has been circulating throughout the Institute in an attempt to secure the signatures of enough students to influence with the Faculty to lengthen the Christmas Vacation until January 3. This will enable many students to remain home through New Year Day.

On Wednesday the petition will be presented to the Faculty at their meeting in the evening. It is hoped by many that they will accept it favorably.

A number of men from the Dormitories have taken the petition around to the fraternities and were favored with a large number of signatures. They have also put up posters in the Dormitories and in front of the Information Office, exhorting the students to sign.

At the present time over 650 signatures have been secured and prospects of securing 1500 signers seem promising. Those wishing to sign the peti-North Hall of Walker Memorial at 3 tion must do so before Wedneshday

# **MILITARY CLUB**

#### New Members of Scabbard and Blade Will Be Initiated At Framingham

Following are the men who were tapped during the intermission at the Military Science Ball at Longwood Towers Friday as notification of their election to Scabbard and Blade, national honorary military society:

In the Class of 1930, Henry N. Halberg, Alfred M. Luery, John K. Vennard and Stanley C. Wells: Class of 1931, Joseph B. Birdsell, Charles Broder, Staunton L. Brown, Warren T. Dickenson, John H. Dodge, Benjamin P. Hazeltine, John P. Kelton, William H. Otis, Robert M. Price, Frederick A. Ritchie, Fernand B. Schweitzer and John E. Strong. George D. Freeman and James S. Robeson of the Class of 1932 were also nominated.

The formal initiation will be held at Framingham during the week-end of Dec. 7.

#### STEBBINS ADDRESSES NAVAL ARCHITECTS

#### Human Equation Most Important in Shipyard Operation

In a modern ship repair yard's successful operation, the human equaetion is one of the most important factors to be considered stated Mr. George H. Stebbins '17 at a meeting of the Naval Architecture Society Tuesday night. The meeting was held at the winter quarters of the Boston Yacht Club, due to the work of Professor G. Owen in securing the permission of the Yacht Club officials to hold the meeting there.

Excellent work with a fair return on the investment is another necessity in present day Naval Repair said Mr. Stebbins in continuing his speech. Photographs of ships that seemed ready for the junk yard were shown on the screen and after explaining some of the more important details gone through in the repair of a ship, he showed views of these same ships after they had been repaired. was hard to believe that some of these wrecks could ever have been made seaworthy again. The organization of Ship repair yards was also explained by the speaker.

Mr. Stebbins is General Manager of the Boston Plant of the Bethlehem Shipbuilding Corporation Ltd. and has had a gread deal of experience in shipbuilding circles and is one of the foremost men in this part of the country on the subject.

# BEAVER RUNNERS TO STRIVE FOR HONORS IN I.C.A.A.A. MEET

# **BOWERY BALL HELD** IN HOGAN'S HOLE

### **Dance of Architectural** Society for Year

Hogan's Hole saw its demise last night at 2 o'clock, when by main force the reveler's were induced to leave the Exhibition Room at Rogers. The dance started promptly at 9 P. M. Friday night with George Tyne's orchestra furnishing the music.

The novel feature of the lighting scheme was that the only light came from several red lanterns swinging from the ceiling of the Hole. A hun dred and fifty couples danced in delirious abandon under the shades of the red lanterns and seemed more and more to be entirely oblivious of each other as the evening wore on. The dance was quite characteristic of Greenwich Village parties. Those present at the ball entered into the spirit of the design and helped to make it the success it proved to be.

Several gentlemen not knowing what the Bowery really is, came in Other evening clothes. cosumes were very picturesque, in that they varied from a night shirt and a wig to a Mephistophelian outfit. The dresses of the girls present were quite in keeping with the lighting, since there seemed to be a scarcity of both.

The decorations seemed to disappear at an alarming rate and in the order of their value to the souvenir hunters. The first to go were the sketches from the live models, which were placed about the interior of the Exhibition Room. Soon the colorful posters from Old Howard were taken by some art connoisseurs.

The decorations committee consisting of Wayne A. Soverns '30, Joseph M. Shelley '30, George F. Schatz '30, and James G. Carr '29 appreciated the interest that the visitors showed in their art.

# First Year Class Will Be Addressed By The President

#### Attendance of Every Freshman Asked by Stratton at Mass Meeting

All freshmen are urged to attend the mass meeting in Room 10-250 today at three o'clock. President Stratton will address them on the subject of the various courses at the Institute in an effort to help them in choosing.

Many freshmen do not realize that it is not necessary to make a definite choice of course before the middle of the second year, and it is to advise them so as to make possible an intelligent choice that the President will speak.

The president will also explain the functions of various officers, committees, and so forth, that may not be thoroughly understood by the

#### SQUASH TEAM WILL SOON BE SELECTED

Victors in the race for positions on the squash team will soon be known. The second round is practically finished, and three of the matches in the third round have been played The winners of the third round will doubtlessly be members of the team, although other men have also shown good form and will be under consideration for a berth on the team.

The winning men of the second round are: Lawrence deGive, Benjamin G. Calvert, John H. Glover, Joseph J. Gabril, John J. McHugh, Philip W. Bourne, George S. Myers, William A. Gray, Winslow V. Fitch, Joseph G. Brodsky, George J. Murphy, will be about twenty men carried on

# PENN STATE TEAM **FAVORED TO TAKE FOURTH STRAIGHT**

Bates, Maine, Pennsylvania, and Syracuse Have Equal Chance to Win

#### MICHIGAN STATE ENTERS

For the first time in many years the annual Intercollegiate Cross Country run will be an open contest for first place honors when the teams line up at Cortlandt Park in New York this afternoon. In past years there have always been just one or two outstanding runners to whom the title was ceded without question. This year the old "sure-bet" runners are not on the list, but in their places come a number of championship calibre men, experienced from past intercollegiate encounters, who will provide as thrilling a duel for first place honors as has been seen in the history of the

#### Maine Pair Favored

Maine, with the pair of runners who finished first in the New England run last week, Richardson and Lindsay, bids fair to take the first place honors. In 1927, when the two runners were Richardson Sophomores, second with Lindsay fourth, behind Cox of Penn State, the winner in 1926 and 1927. Last year the two runners reversed their positions to have Lindsay take second and Richardson fourth. Reid took first place honors for Harvard that year while Cox still threatened for Penn State and took third place.

#### New York Has Stars

Hagen of Columbia and Lerner of N. Y. U. are New York City's best and incidentally among the best in the eastern part of the country. Last year these two runners finished fifth and sixth in the race and last week in the Metropolitan Championships of New York City the men finished first and second respectively. Neither of these men are expected to finish first but are expected to finish among the

#### Penn Sophomores Threaten

From Pennsylvania come Dean, Mc-Niff, and Ritchie, the three men who crossed the line hand in hand for first place honors in the freshman race of a year ago. Dean and McNiff crossed the line in first and second place in the quadrangular race between Columbia, Pennsylvania, Dartmouth, and Cornell this year. Montgomery, a member of the 1928 Olympic team, and C. Coan, fifth in the fresh-(Continued on Page 3)

#### SECOND DORM DANCE **HELD FRIDAY NIGHT**

#### Small Attendance Attributed to Number of Other Dances

For the second time this year, the cormitory men gathered last Friday evening for a formal dance in the North Hall of Walker. Approximately 35 couples were present, the small attendance being due to the large number of dances held that night.

Dancing lasted from 9 o'clock until i, the Collegian Ramblers furnishing the music. The subdued lighting and simple decorations transformed the North Hall into a truly charming background for the evening.

Instructor and Mrs. Thomas P. Pitre officiated as patron and patroness.

#### SERIES OF LECTURES ON EGYPT CONTINUE

"Historical Research in Egypt." a series of lectures that is being given by George A. Reisner, Professor of Egyptology in Harvard University, will be continued tomorrow with a lecture on the "Origins of the Egyptians." These lectures are given at and Hugo G. Cuesta. Of this list, ians." These lectures are given at Bourne, Murphy, and Fitch have won their match in the third round. There under the auspices of Lowell Institute and tickets may be secured by applying to the Curator.



Official News Organ of the Undergraduates of M. I. T.

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#### UNANIMOUS, BUT HASTY

WITH impetuous students unanimous in their "hope against hope", a petition requesting the inclusion of January 2nd in the holiday vacation is constantly gaining eager signers. About seven hundred men have already placed their signatures on the petition, and there is no real reason why the whole student body, unthinking as it is in such cases, should not signify its affirmative desire in this matter.

For no one wishes to start school on the day immediately following New Years. It is necessary that those who live in distant parts of the country leave home before any of the New Year festivities begin. Even those who live nearby must forfeit having dinners with their families in order that they may be back to school on time. Why shouldn't they want an extra day of vacation?

On the "con" side of the argument, there are a number of important considerations. The program for the school terms is made out several years in advance, and any departure from it necessitates that numerous changes in the curriculum be made. After making allowance for the various legal holidays and Field Day, the Christmas holidays, mid-term recess and Spring vacation, there remains a school year of approximately one hundred eighty days. Courses are made out with this as a basis, and if the one vacation is lengthened, some other must suffer.

irregularities. School began this fall later than usual, and Graduation Day is not until June 10th. There is no possibility versity he urged the men to cultivate of shifting graduation day, and even if there were, the other an unsnobbish attitude towards their changes incident to the shift would immediately make such a move out of the question.

Obviously it is easy to get student signers for this petition. Also it is very probable that a petition signed by 2000 men would carry considerable weight with the faculty. But why not get some faculty signatures to the petition? Certainly the written acquiescence of a number of professors to the plan before it is presented to the whole group would be a favorable

Whatever is done must be done quickly. The next regular meeting of the faculty will be December 18th, which will be too late for any action to be taken on the petition. It should either be presented to the President or the Secretary of the Faculty, and a special meeting of the faculty will probably be called to consider it.

While there is doubt that the petition will bring favorable of how well you serve your firm. 3 action from the faculty, it would seem that so unaminous an expression of student opinion should certainly be given consideration. However, if there is a sincere objection to the way the holidays are arranged at present, it would be well to instigate some action against next year's calendar. Christmas misrepresent. 7—Never try to get vacation in 1930 does not start until December 24th, and that is really something to worry about!

#### "LET NOT THY RIGHT HAND KNOW"

WHILE obeying a principle, firmly established in the minds of today's youth, of making decisions without adequate regard for the opinions of the powers that be, Technology undergraduates have found themselves in trouble this fall. Per- are. This is one of the greatest difhaps they have learned a lesson, and perhaps they are still as self-sufficient.

Affairs at the Institute must be carried on by the students themselves but with full cooperation of the various advisory boards and faculty counsels. It was with chagrin that the Institute Committee learned that certain of its actions must have the approval of other bodies before these actions become effective. But more than this, the decisions of the present student body must be very carefully considered when it is expected superior, they are not accepted by that future groups will accept them without murmur. that future groups will accept them without murmur.

It has often been pointed out that a manager of whatever activity merely accepts an obligation for a year—his policies must be determined with very careful consideration for the future. better fellowship. With this thought in mind, let the Athletic Association weigh carefully all aspects of the case before deciding on managerial awards, and points for the Glove Fight on Field Day.



Rosy-hued rumors have come to the ears of the Lounger. He has it on good authority that extensive improvements are now being contemplated in the service rendered by that justly renowned institution, the Walker Cafeteria, under the direction of our estimable Mr. Bridges.

That these rumors have already had considerable effect in bolstering the expectations of the student body is shown by the fact that the patronage of the Dining Hall has increased very rapidly of late. In fact, the Lounger has learned on excellent authority that the number of students who daily feed their faces at the Sign of the Dead Codfish Ball has practically doubled in the last fifteen years.

From our scout on the west side of Massachusetts Avenue comes a report to the effect that Walton's have installed a new young lady as cashier in an attempt to boost their waning business.

One of the improvements planned by the management of the Dining Hall is believed to be a startling innovation in restaurant practice. Hencefort, French fried potatoes will be listed on the menu as "Potato Chips", so that patrons, by the simple application of a little salt, will be able to treat themselves to the well known delicacy which has become so popular in this country in recent years.

It is also reported that the phase displacement angle of apple pies is to increased from 30 to 45 degrees. This undertaking, according to Mr. Bridges, has been made possible only by the application of the most advanced modern methods of industrial research. After encountering numerous difficulties, not the least of which par excellence. was the necessity of developing a special cutting fork, the staff of the Tex-tile Laboratory has succeded in deadvantages of decreased production costs, Mr. Bridges has decided on the above innovation.

Thus is upheld again the oft reiter ated assertion of the Lounger that Walker offers absolutely the last word in restaurant service within the borders of the campus of Technology

#### THE EDITORIAL SPECULUM

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Another person who does not agree with Professor Robert E. Rogers of ffer.

This year is the eighth of a series, and introduces several

This year is the eighth of a series, and introduces several Commerce. In an address recently delivered to the students of Boston Uni-

> worst starting points a young man can have is to come out of college with a firm conviction of his superiority. Nowhere ese in the world are there such favorable facilities for a business education as are offered in our United States. Success is not a matter of social prestige or "drag." It is a matter of "know how." "Above all, one has to know how to get along with people and to respect others thoughts and duties.'

In continuing his address Mr. But terworth stated several points which he advised the students to follow when they graduated from college. hey are 1-Keep your eyes off the lock. 2-Do not think of salary but le tolerant. 4-Be careful before you ske a contract, but having entered ito one, live up to every word of our bargain. 5-Do not run down competitors or their goods. 6-Never head by climbing over others, get ahead by yourself. 8-Have respect for the men about you.

According to Mr. Butterworth a man should try to step out, do his best and get along well with his co-workers but he should not try to act superior, to let them know that he is a college graduate and therefore, in his own estimation, a better man than they ficulities that college men have to contend with. When they graduate they realize that they have been given at least a partial education and are better equipped mentally for a position than men without this prepara-

Naturally, when college men start working in a business plant they are somewhat disliked by non-educated toward each other and try to develop

erecting four new buildings at an approximate cost of \$1,400,000.

#### As We See the Movies

#### THE METROPOLITAN

Pauline Frederick starts in the feature this week, the Warner Brothers' all-talking production, "Evidence". With a fine speaking voice and as a passable singer, this famous actress has returned to the screen. Nor has she forgotten any of the tricks of the trade which many years of experience taught her. She is well cast as the innocently ostracized peeress, and her performance is most creditable throughout.

Others prominent in the play include Conway Tearle, Lowell Sherman and William Courtenay, all cast as suitors of the heroine, and little Freddie Burke Frederick. The boy's part is important and he performs with a pleasing sincerity and naivete. Alec B. Francis, whom everyone enjoys, has an unfortunately small part.

Although the plot is slightly shopworn, the cast gives a convincing performance. Some of the scenes show the usual movie "set" of a jungle, and the rain hisses on the roof and the tom-toms rumble in quite the orthodox manner. The story has a moralnever again should any of the audience base his opinion on mere circumstantial evidence alone.

Publix presents one of its star stage shows in "Mardi Gras", a colorful. tuneful revue whose motif is the famous New Orleans fete. Martin Downey displays, at least, a very fine voice, and with him appear a number of other stars. "The Two Gobs" clown and dance their way to much applause, and the Four Ortons are thrilling on the slack rope. Other entertainers are the Four Harmonists and the Fred Evans Ensemble. Augmenting the stage show is the concert of the Greater Orchestra, presenting "Liszt Melodies", and featuring Hans Hanke, whose work on the piano is

The People's Symphony Orchestra began its eighth series of winter Concerts at two o'clock yesterday. The signing a new and inexpensive type of first of the ten Sunday afternoon enpie crust. Always a believer in the tertainments was given under the diwisdom of giving the customer the rection of the picturesque Creatore, one of the greatest conductors, and included a number of classic and semipopular selections. These generally enjoyed concerts are included at the regular admission price.

On next Wednesday, Thanksgiving Eve, there will be a midnight show at the Met, the gorgeous Warner Brothers production. "Show of Shows". Participated in by seventy-seven screen stars, and presented in Technicolor, this extravagant movie will have its New England Premiere on that evening. All seats are to be reserved at seventy-five cents.

# THE GRIND

#### Sigma Chi

About two hundred bids were sent Mr. Butterworth stated, "One of the House last Friday night. The affair was formal, and many of the alumni of the chapter were present. Mr. and Mrs. Frederick Caswell were chaperones. The music was furnished by Ruby Newman's orchestra.

#### Phi Beta Epsilon

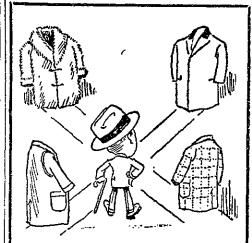
As the climax of a very successful house party last Saturday evening, the Phi Betes held an open dance, with about 120 couples attending. Dave Grant and his Tunesters furnished the music for the occasion, while Ranny Weeks, Victor recording artist, sang for the gathering. About eighteen girls were imported for the house party, and after attending the 'Bowery Ball" en masse on Friday evening, they went to the Harvard-Yale game on Saturday, finishing off with the dance.

#### Kappa Sigma

Approximately 250 bids were sent out to the formal dance which was held at the Kappa Sigma House, on Bay State Road, last Friday evening. At midnight there were over 75 couples dancing to the music furnished by Reggie Sackett's orchestra.

A division of colleges into three types for different types of students is the plan proposed by professor David Snedden of Teachers College, Columbia. He would have one for the "bread-and-butter" or pre-professional student, another designed for the coon-skin coated, hip flask toting youth who prefers girls to study, and a third for the "quiet seeker after learning." The basis for this idea is said to be a recent suggestion by Dean Max McConn of Lehigh that a new type of "gentlemen's college" be established for students interested primarily in extra-curricular activities.

Workmen engaged in drainage excavations at the Tower Bridge road be no ill-feeling among the two classes in the heart of London, have uncovof workers if they both act human ered human skulls and bones of animals, several hundred years old. It is believed that the relics, found about 15 feet below the surface, are what is The University of Pennsylvania is left of a common burial ground that was used during the height of the plague in London in 1665-66.



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Others have found Edgeworth and quit their discontent.

So may it be with you!

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(Witness my scal)

(and my seat of learning)

(and my postoffice and state)

Now let the Edgeworth come!

# HARRIERS RUN AT **INTERCOLLEGIATE MEET IN NEW YORK**

Captain Thorsen is Best Bet To Place Among First To Finish Run

#### MANY COLLEGES ENTERED

(Continued; from page 1) man race last year, will also run for the Red and Blue in its effort to take its first championship since 1917.

Penn State, the favorite to make it four straight, is sending a formidable array of hill and dalers. Conroe; Detweiler, winner of the 1927 freshman encounter; Meisinger, eleventh last year in the Varsity race; Ratcliff. fourteenth last year; Robinson, Glassburn, and Rekers make up a team combination that will be hard to beat.

Bates Again Figures

Bates and Syracuse are two colleges contesting for the title that are conceded a fair chance. Bates' record in the New Englands and in the Maine State title encounter gives them an edge over the New York state college. Dean and Belanger are the two men on whom Syracuse bases her hopes for low scoring positions while Bates relies on the men who finished 4, 5, 6, 7, and 8 in the New England run, Whitten, Viles, Hobbs, Cushing, and

Cornell bases her hope for individ-ual scoring on Levering. He finished fourth in the quadrangular meet between Columbia, Penn, Dartmouth, and Cornell this year. Dartmouth's best are Butterworth and Austin while Yale depends on W. F. Smith and M. D. Smith. In the characteristics. D. Smith. In the absence of Jimmy Reid, championship runner of a year ago, Harvard depends on Aldrich and Hallowell. Hallowell was first in the Holy Cross-Harvard meet this year.

Michigan State to Run Michigan State provides an intersectional threat in the meet. This college very rarely comes east for the I. C. A. A. A. A. meets but when they do put in appearance it is a sure sign that there will be a good team on the field to represent the midwestern college.

#### Thorsen Leads Beavers

the Technology runners in the antions. nual meet last year. He was in twenty-fourth place. A summary of the places taken by Beaver harriers last year follows:

,	~ = r ~ p .				
	VARSITY				
Place	Name		Time		
24.	Thorsen	32:12			
39.	De Fazio		32:27		
41.	McNiff		32:29		
55.	Worthen		32:43		
68.	Baltzer		32:56		
70.	Herbert		32:58		
72.	Berry		33:00		
	FRESHMAN				
Place	Name		Time		
50.	Camerlingo		16:37		
55.	Jewett	16:44			
61.	Littlefield	16:52			
64.	Gilman	16:55			
80.	Kelly	17:18			
88.	Conant	17:26			
105.	Green		17:43		
The	winning time in	the	Varsity		
	_ = =		A TT		

race as made by Jimmy Reid of Har vard was 30:11 while Dean, McNiff, and Ritchie turned in 15:11 as their time in the triple tie for the fresh-

Studies

A. STUDE

Can He Keep Them All Going at Once?

#### Captains Team



Loren S. Thorsen

#### THE TECH READY FOR MINIONS OF VOO DOO Instruction Will Be Given at

Jokesters Living in Terror of **Encounter With Scribes** 

(Continued from page 1) ever, the cats would need several weeks of daily drill before they would be able to put up any sort of a defense against the varied attack of the newsies. So little actual football was displayed in this game, that Boston sports writers were quite at a loss to describe it accurately. One noted authority called it a "mudslinging contest of two-year-olds' which is perhaps the best description obtainable of the cats.

#### **EXCESS HANDBOOKS** OFFERED TO FACULTY

Letters have been sent to members of the faculty by Louis S. Morse Jr. '31, new General Manager of the T. C. A. Handbook, asking them if they want any of the excess handbooks which are left over.

It was suggested by President Stratton that copies be sent to various high and preparatory schools, in order to give them a different angle of Tech-Captain Thorsen finished first among catalogue and other official publica-

#### T. C. A. WILL CONTINUE **BOYS' WORK MEETINGS**

Duncan Russell Jr., general director of the Community Service of Boston. will continue his conferences in the T. C. A. Office with men interested in boys work for several weeks.

Letters have been sent by Willis S. Hutchinson '32 to those men who have not yet had an opportunity to interview Mr. Russell, to ascertain when they will be free. It is planned to have Mr. Russell here for an hour each day, the time being that at which the most men are free. The first con-ference will be today from one to two

The players on the University of Chicago eleven are wearing this year the largest numerals ever believed to have been worn by a Big Ten team. To aid spectators, the backfield men are wearing numerals on both chest and back.

#### WINNERS OF I. C. A. A. A. A. CHAMPIONSHIPS-1908-1928

1920—Yale 1921—Yale

1922-Pennsylvania

1923-Penn State

1926—Syracuse 1927—Penn State

1928—Pennsylvania

1924—Syracuse 1925—Yale

VARSITY

1908---Cornell 1909---Cornell

1910—Cornell 1911—Cornell

1912—Harvard 1913—Cornell

1914—Cornell

1915—Maine 1916--Cornell

1917—Pennsylvania

1918---No Race

1919-Syracuse 1920-Cornell

1921-Corneli 1922- - Syracuse

1923-Syracuse 1924—Pittsburgh 1925—Syracuse

1926-Penn State

1927-Penn State 1928-Penn State

# **POLO CLUB STARTS**

Commonwealth Armory

CLASSES IN RIDING

Posters appeared about the Institute buildings last week announcing a riding class under the auspices of the M. I. T. Polo Club which is open to all interested students at Technology. The purpose of this class is to teach the basic principles in controlling the horse and to improve upon form. After the elementary steps have been mastered, more difficult maneuvers will be attempted and instruction in polo and jumping will be facing the prospect of expulsion as given at the discretion of Major Brown, who will have charge of the

Good Opportunity

Riding provides an excellent opportunity for the students who are pressed for time to combine exercise and recreation. In addition, the foundation may be laid for future development and pursuit of the sport in later life.

The class meets every Tuesday evening at six o'clock in the Commonwealth Armory. As the number of horses available is very large and the hall is the finest in Boston, a large number are expected to participate. Another enticement is the extremely low rate-\$1.75 for an hour and a half with an instructor. Any other information may be obtained by calling John B. Tucker at Back Bay 4057.

#### **NEW TRANS-ATLANTIC** CABLE TO BE LAID

Cable service between Germany and the United States will soon be augmented by a second cable, to be laid in the near future. Traffic on the first cable is said to have doubled between the years 1925 and 1928, and has become necessary to construct another to handle the great increase in business.

The cable will be constructed by the German Atlantic Cable Company. the German Atlantic Cable Company, and will be operated by them jointly with the Western Union Telegraph Company and the Commercial Cable Company. The cost to be borne by the German Company will be approximately \$4,500,000. The new cable, by the use of a duplex system, will be capable of handling 3000 words per minute which is double the capacity. minute, which is double the capacity of the present cable. The route of the new wire will be the same as that of the old one, and will go via the

#### CHRISTMAS GREETING CARDS BEING SHOWN

Students in considering the purchase of this year's supply of Christmas cards, may find an opportunity in the display of holiday and greeting cards now being shown in the M. I. T. Photographic Service's case just outside of the Bursar's office. The greeting cards may be ordered at the office of the Institute Photographic Service, in Room 4-304.

In making up their present display of greeting cards, the Photographic Service Department has chosen many of the better known photographs of the Institute, Walker Memorial, and the Dormitories, but in case a student wishes a card developed from one of his own negatives the Service will carry out this service at a minimum

#### ROSS MADE OFFICER OF WORK COUNCIL

Announcement was made Friday of the election of Wallace M. Ross, secretary of the Technology Christian Association, to the secretaryship of the Student Work Council of Boston.

This organization is composed of about thirty men and women who are either rectors of churches interested especially in students' work, or are Y. M. C. A. or college Christian Association secretaries. It meets every two weeks.

#### **AUTUMN INTERCLASS** MEET IS CANCELLED

**FRESHMAN** 

Due to the recent snowstorm and the bad condition in which it left the outdoor cinder track, the Fall Interclass Meet was cancelled last Saturday afternoon by Head Coach Hedlund. With winter approaching and bringing with it further snows and imum benefit from the presentation. chance of holding the meet at a future laboratory work on other days may date. The next Interclass meet to be be made by conferring with the inheld will take place some time during the winter season on the board track and will be an indoor meet.

Thirty-seven members of a fraternity at the University of Illinois are a result of a liquor raid on their house. Several have been directly associated with bootlegging and liquor

Speaking before the recent meeting here of the British Association for the Advancement of Science, Dr. Lilian J. Clarke declared that the study of living things should form a part of the education of every child.

Typhoid fever, tuberculosis, diptheria and cholera are among the diseases which may be transmitted by shaking hands, according to Miss Leila Ione Given, research student at Columbia University, who has experimented recently with school children.

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### Talk Planned For Men On Design Of Induction Motors

Mr. A. W. Dudley Will Present Colloquium to Members Of Course VI

The final colloquium of a series of three offered by members of the technical staff of the Westinghouse Electric and Manufacturing Company, will be presented today and tomorrow afternoon from 2:00 until 4:00 in Room 4-213. These colloquia are on the general subject of "Scientific Aspects of Design Problems in Large Electric Power Apparatus" and this particular address on the "Design of Induction Motors" will be conducted by Mr. A. W. Dudley, Engineering Supervisor of Development of the Westinghouse Electric and Manufacturing Company.

These colloquia are open to all Seniors, Graduate Students, and members of the Junior honors group who are interested in the general topic. Since the presentation and discussion will occupy both days, students attending are requested to arranged their work so as to be present on each day. This is requested out of courtesy to the speaker and in order that those attending may obtain maxcold weather, there seems to be no Arrangements for the performance of structors in charge.
All members of the instructing staff

who are interested are invited to attend these presentations.

Because prospective players failed to return to the faculty cards which were to be signed by the parents, relieving the school of responsibility for injuries, there will be no football team at Wilmington High School this year, unless matters take an unexpected turn. Some parents refused to sign, while some of the boys declined to take the matter up with their par-

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An efficient engineering staff is always available for consultation regarding wire and cable problems.

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# NOTICES - ANNOUNCEMENTS T. C. A. HEARS FROM Of General Interest

Colloquium

Mr. A. W. Dudley

Monday, November 25 and Tuesday, November 26, 2 P. M., Room 4-213

The last colloquium of a series of three on "Scientific Aspects of Design Problems in Large Electric Power Apparatus" will be conducted by Mr. A. W. Dudley, Engineering Supervisor of Development of the Westinghouse Electric and Manufacturing Company. The subject will be "The Design of Induction Motors.'

The colloquium is open to members of the instructing staff, graduate and senior students and the junior Honors group.

#### Whiting Concerts

1929-1930 Season

The Whiting Concerts are to be held in Room 10-250 on the following Tuesday evenings at 8:15:

> December 3 February 11 March 4 March 25

Open to students and members of the instructing staff.

# **CALENDAR**

Monday, November 25

3:00 Freshman Mass Meeting, Room 10-250

5:00-Meeting of Freshman Rules Committee, Institute Committee Room 5:00--Meeting of stage and production candidates for Tech Show, Room 301

6:30-Alumni Council Dinner Meeting, Faculty Dining Room, Walker

Tuesday, November 26

7:00 A. M.—Soccer practice for all candidates, Tech Field

3:00-Cast Rehearsal of Tech Show, North Hall, Walker 5:00-M. I. T. A. A. Meeting, North Hall, Walker

6:00—Alpha Chi Sigma Meeting, Grill Room, Walker 7:30—Chorus Rehearsal of Tech Show, Walker Gym

### UNDERGRADUATE

#### CHESS CLUB

All members listed on chess tournament sheet posted at entrance to East Lounge are requested to play their matches immediately.

#### TECH SHOW

There will be a meeting of all candidates for the stage and production departments of Tech Show Monday at 5 o'clock in the Show office, Room 301 Walker Memorial.

#### FRESHMEN RULES COMMITTEE

There will be a meeting of the Freshmen Rules Committee Monday night at 5:00 in the Institute Commit-

There will be a meeting of the Executive Meeting of the T. C. A. today at 4 o'clock. There will be election of men to the cabinet to fill vacancies left by resignations.

#### PATIENTS IN M. I. T. INFIRMARY November 23, 1929

Anderson, Carl Bolonos, John Li, K. Y. McClellan, Hugh Merrill, F. Nolph, James Rehbock, A. P. Serrano, R.

Homeopathic Hospital Wilbur Huston.

The University of Nebraska has announced that henceforth no cigarette advertisements will appear in the columns of any of its publications. Speculation is said to be rife as regards the purpose of this action, although it is not entirely unprecedented the Saturday Evening Post having adopted a similar policy some

The first fatality of the football season occurred when Edward Massa, left guard on the East Falls professional team, was injured in a game with Holmesburg, and died on the way to the hospital. His neck was

Experiments are now being carried out at the Simpson Memorial Institute by Dr. Raphael Isaacs, Dr. Cyrus C. Sturgis to determine if the stomach of all edible animals can be used for an effective cure of pernicious anemia.

Hosts, be with us yet; lest we forget, laying an egg. lest we forget,'

The library of the University of Louvain, destroyed during the World War, has just been re-opened. Several cripts, Germany being the most of cooperation between capital and munificent, with a gift of thirty thous- labor. Legally, the money should go and volumes.

As the result of a survey at the found that the average student spends less than a dollar a day for meals.

# Rogers Notes

Well, at last the party is over, and what a party it was. The excellent music added to the success of the effair, although it didn't make much difference after 12 o'clock. George Shatz had to do a twin act, besides taking tickets from those entering, he had to entertain the three females which he brought. He certainly be-lieves that happiness lies in num-

Several fellows from the dorms who were present seemed lost in the Hole. One poor deluded freshman didn't know where to get a drink for him-self, but his "parcel," who was not so dumb, soon found the place. No, he was looking for a drink of water, what else do freshmen drink.

"Curly" Cofran seemed to believe that the Bowery was in Florida. His night-shirt may however have proved useful in that he didn't have to undress in order to get into bed. He reached his hand into a pile of stage props and what he pulled out he wore. On his head he had the wig of a French courtesan, and in place or his trousers wore his unmention ables.

One of the Course IV co-eds tried to imitate Venus de Milo and succeeded in as far as her dress was concerned. To be specific, she had three articles of clothing on, and they were of a most revealing nature. Her imitation was quite realistic, except that she didn't have her arm cut off.

The Commons Room served as a smoking room, until 12:30 when it became a Lounge, and after another 15 minutes, it became dark. The couples were continuously tripping up and down the stairs to and from the Commons. An added attraction of the dance, at Rogers were the secluded nooks about the place that are known to its inhabitants. These hiding places afford very convenient resorts, and up to 2 o'clock were in constant demand.

The decorations of the interior of the Hole were removed by willing hands, which carried the treasured pieces to abide among their relics, as souvenirs of the "Bowery Ball" of

The lower animals were placed on a legal equality with human beings in olden days, according to an article in The Law Journal here. The Journal points out that in ancient times an animal which killed a man, was sentenced to die the same as a man A student handed in an exam paper would have been under similar cirat the College of Industrial Arts cumstances. As late as 1383 in Ire-Denton, Texas, with the following land, a rooster was sentenced to be written at the bottom: "The Lord of burned at the stake for the crime of

Dr. Arthur A. Mitten, only son of the late Thomas E. Mitten, has renounced his right to his father's millions because his father's will left nations contributed books and manus- the bulk of his estate to the cause to the younger Mitten in spite of the will because under the Pennsylvania state law, no bequest to charitable University of Oklahoma it has been institutions made within 30 days of a man's death is legal.

A new building is being planned to The professor put an "F" on the house the Chemistry department of paper, and added: "The Lord of Hosts Indiana, University. It will be of was with us not; for we forgot, for Gothic architecture and will cost about \$400,000.

# **JUDSON T. BIEHLE '27**

#### Tech in Turkey Representative Tells of Work

Judson T. Biehle '27, the Tech in Turkey representative has just sent a letter to Mr. Wallace M. Ross concerning his activities in Robert College Constantinople. Some excerpts which were particularly interesting, with Mr. Ross' permission, are presented herewith.

"Didn't any Tech men come to Europe this past summer? I did not meet one in my travels. This summer was quite interesting and entertaining, however, with ruined Asiatic cities, Bulgarian mountains, opera in Munich and Salzburg, a bicycle trip in Bavaria, a student convention in Budapest, and a couple of weeks in

The laboratory students are learning to write reports fairly well, although some of them still think that a good conclusion reads like this: "I wish to state that the experiment

was performed successfully.' "We have been fortunate this year in gaining a two man track team on our teaching staff. Caleb Gates, son of our President, an all around track and field man at Oxford and Sheldon Collier, the Brown Olympic star, are here and have, of course, created quite a little excitement among the boys. You can start an argument any time as to whether these two men could defeat the school track team. It is agreed that they would win about eight first places and a couple of seconds but the students expect to clean up on the rest. It will be an interesting meet if

"Some new American students have entered Robert College and I had one at my table for a few meals. He was highly popular with the native students as he taught them more slang than they had heard in the past year. There are two Americans in my Physics classes but they make almost the worst grades in the class.

"One of the movie theaters in Constantinople is now showing 'sound' It has shown two American films with sound effects only but this week there is a genuine 'talkie' to be seen and heard.

"The new Ford assembly plant has just erected a large sign next to a mosque and will begin production Everyone wants one of the traditional five dollar a day jobs, representing opulence to the ordinary workman around here.

"If you haven't seen the October copy of the Geographic, Please look at it. It contains some excellent views of the Bosphorus taken by Mr. Williams of our community."

### Intercollegiates

The old Rancho La Brea, on the outskirts of the city, which was once the largest known fossil bed in the world, has been given to the people of Los Angeles as a public park. Ages ago several huge pre-historic beasts made the mistake of stepping into some asphalt pits at the spot, and were thus preserved for future scientific information. The site has now been practically exhausted of bones, and has been transformed into a recreational park.

A typical sleeper on a typical night lies in nine different positions in eight and one-third hours, but the position that gives the most rest is that in which the sleeper is "curled up like a kitten." This somewhat revolution-ary theory of how man should sleep was presented by scientists at the ninth international congress of psychology held here recently. It was also revealed at the conference that 'sleeping like a log" may be a bad sign, a warning of overstrain.

Manuscripts and illustrations bearing upon the life of Kings college in the years immediately after its founding in 1754 are being collected by the Columbia University 175th anniversary committee, for an exhibition beginning the week of Oct. 25.

The hulk of an unidentified sailing vessel, dating back to Revolutionary War times was recently found buried 25 feet underground near West and King streets in New York City. Cannon balls also were found in the ship.

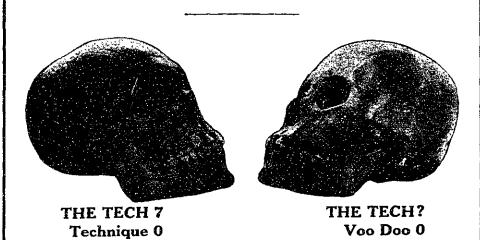
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# Victims Of The Tech



# Human Beings Will Be Examined From All Angles By Yale Students

### School Tells of Work of Yale Institute

The origin and plans of the Institute of Human Relations at Yale University were told Saturday night by Dean M. C. Winternitz, head of the school of medicine at the university, in an address before 225 social workers at the fourth New England conference of the Child Welfare League of America in the Twentieth Century Club.

In the last analysis the institute plans to examine the human being from all angles and to apply the knowledge gained to everyday life, he said. To obtain this knowledge the reactions of patients will be taken, their mode of life, reaction to various phenomena in their existence, reaction to the ordinary events in their lives, and their mental and physical condition, will be thoroughly examined and the results evaluated.

Introduced by Prof. Felix Frankfurter of the Harvard law shool as the man "who, I suspect, if the truth were known, conceived the plan," Winternitz said the plan was not the work of any individual, and if the experiment had not been tried at Yale first, it would have been attempted at somewhere in the near

C. C. Carsten, executive director of the league, spoke in the afternoon. He said the family unit is largely disregarded by social workers, in favor of the individual, that the measuring stick of social service work is the character of public rather than private social work.

At the afternoon session, Kenneth L. Messenger, commissioner of child welfare of Connecticut, spoke on the

Dean Winternitz from Medical progress of New England Child Welfare legislation. Grafton D. Cushing, president of the Massachusetts Society for the Prevention of Cruelty to Children, presided, and discussion by representatives from the various

states followed. Mrs. Leigh Mitchell Jones, education secretary of the Children's Bureau of Philadelphia, spoke in the morning as did Dr. George L. Wallace, superintendent of the Wrentham state school.

Two years ago night football games were novelties among colleges. This year there have been so many of such games played, and so many more are on the schedule that they are taken as a matter of course.

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629 WASHINGTON STREET

139 CONGRESS STREET 8-9 TREMONT ROW

332 MASSACHUSETTS AVE.

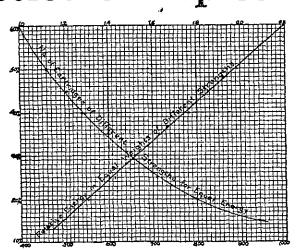
19 SCHOOL STREET 437 BOYLSTON STREET

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# Action of Explosives



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